RECEIVED-WATER SUPPLY

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Date

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

	List PWS ID #s for all Water Systems Covered by this CCR	
consum system,	eral Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute confidence report (CCR) to its customers each year. Depending on the population served by the public water is CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the supon request.	er
Please .	nswer the Following Questions Regarding the Consumer Confidence Report	
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)	
	Advertisement in local paper On water bills Other	
	Date customers were informed: 5500	
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:	
4	Date Mailed/Distributed:/_/	
	Name of Newspaper: Och ya Date Published: Selection of Published CCR or proof of Publication)	
	CCR was posted in public places. (Attach list of locations)	
	Date Posted: / /	
□ www	CCR was posted on a publicly accessible internet site at the address:	
CERT	ICATION	
system correct	certify that a consumer confidence report (CCR) has been distributed to the customers of this public water the form and manner identified above. I further certify that the information included in this CCR is true and is consistent with the water quality monitoring data provided to the public water system officials by the pi State Department of Health, Bureau of Public Water Supply.	ıd
MAN	The home this. Cal-10	

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

Name/Title (President/Mayor, Owner, etc.)

ANNUAL DRINKING WATER QUALITY REPORT NORTH LEE COUNTY WATER ASSOCIATION

BARNES CROSSING WATER ASSOCIATION-PWS ID# 0410024
BIRMINGHAM RIDGE RD WATER ASSOCIATION-PWS ID# 0410025
CEDAR HILL WATER ASSOCIATION-PWS ID# 0410027
MACEDONIA WATER ASSOCIATION-PWS ID# 0410035
RED HILL WATER ASSOCIATION-PWS ID# 0410040
LAKE PIOMINGO WATER ASSOCIATION-PWS ID# 0410022

We are very pleased to provide you with the Annual Drinking Water Quality Report for 2009. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is, and has been, to provide to you a safe and dependable supply of drinking water. Barnes Crossing Water Association's water source is five (5) wells that draw from the Eutaw and the Lower Eutaw Formation Aquifer. Birmingham Ridge Water Association's water source is four (4) wells, which draw from the Eutaw Formation Aquifer. Cedar Hill Water Association's water source is two (2) wells that draw from the Gordo Formation Aquifer. Macedonia Water Association's water source is one (1) well that draws from the Eutaw Aquifer. The Red Hill Water Association's water source is one (1) well that draws from the Eutaw-McShan Aquifer. Lake Piomingo Water Association's water source is three (3) wells that draw from the Eutaw Aquifer.

We are pleased to report that our drinking water meets all Federal and State requirements.

If you have any questions about this report or concerning your water utility, please contact Dan Durham of the North Lee County Water Association office (869-1223). We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings, which are held at 7:00 p.m. on the first Tuesday of each month . They are conducted at the Water Association office, located at 1004 Birmingham Ridge Road, Saltillo, Mississippi. This report will not be mailed out to each individual customer but you may pick up a copy in the office.

North Lee County Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the result of our monitoring for the period of January 1, 2009 through December 31, 2009. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled



drinking water, may be reasonably expected to contain at least small amounts of some constituents. It is important to remember that the presence of these constituents does not necessarily pose a health risk.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

In this table you may find some terms and abbreviations with which you may not be familiar. To help you better understand these terms we have provided the following definitions:

<u>Parts Per Million (ppm) or Milligrams Per Liter (mg/l)</u> – One part per million corresponds to one minute in two years or a single penny in \$10,000.

<u>Parts Per Billion (ppb) or Micrograms Per Liter</u> – One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

<u>Action Level</u> – The concentration of a contaminant, which, if exceeded, triggers treatment, or other requirements, that a water system must follow.

<u>Maximum Contaminant Level</u> – The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

<u>Maximum Contaminant Level Goal</u> – The "goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with the service lines and home plumbing. North Lee County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water,

testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic, or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/Aids or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions.

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

BARNES CROSSING WATER QUALITY DATA TABLE

Contaminant	Violation Y/N	Date Collected		Range of Defects #of samples exceding MCL/ACL	Unit of Measurement	MCLG	MCL	Likely source of Contamination
			INORGA	INORGANIC CONTAMINANTS	LS.			
Barium	Z	2009	0.141	0.132- 0.141	mdd	2	2	Discharge of drilling wastes; discharge from metal refineries erosion of natural deposits
Chromium	Z	2009	6.	1.4- 1.9	qdd	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride	Z	2009	0.108	0.1- 0.108	шdd	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Selenium	Z	2009	2.5	0	qdd	50	50	Dischage from petroleum and metal refineries. erosion of natural deposits; Discharge from mines.
Copper	Z	2008	.365	0	mdd	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits leaching from wood preservatives
Lead	Z	2008	2	0	qdd	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
			DISINFEC	DISINFECTANTS AND DISINFECTION BYPRODUCTS	FECTION BYPR	ODUCTS	- Additional Control of the Control	
Chlorine	Z	2009	0.18	0.07- 0.18	mdd	4	4	Water additive used to control microbes

BIRMINGHAM RIDGE WATER QUALITY DATA TABLE

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Defects #of samples	Unit of Measurement	MCLG	MCL	Likely source of Contamination
				MCL/ACL				
			INORGAN	INORGANIC CONTAMINANTS	LS			
								Discharge of drilling
<u>.</u>	Z	0000	0.132	0.427_ 0.432		c	c	wastes;discharge
5	-	2		00	<u> </u>	1	7	Consists of notinol
								deposits
								Discharge from steel
Chromium	Z	2009	8.0	0	qdd	100	100	and pulp mills; erosion
								of natural deposits
								Erosion of natural
								deposits; water additive
Fluoride	Z	2009	0.102	0.12- 0.102	mdd	4	4	which promotes strong
								teeth; discharge from
								fertilizer and aluminum
								factories
								Corrosion of household
								plumbing systems; erosion
Copper	z	2008	- .	0	mdd	1.3	AL=1.3	of natural deposits
								leaching from wood pre-
								servatives
			·					Corrosion of household
Lead	z	2008	<u>ත</u>	0	qdd	0	AL=15	plumbing systems; erosion
								of natural deposits
			DISINFEC	DISINFECTANTS AND DISINFECTION BYPRODUCTS	FECTION BYPR	ODUCTS		
Chlorine	z	5009	0.21	0.09-0.021	muu	4	4	Water additive used to
	-				<u>.</u>		r	control microbes

CEDAR HILL WATER QUALITY TABLE

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Defects #of samples	Unit of Measurement	MCLG	MCL	Likely source of Contamination
				exceding MCL/ACL				
			INORGAN	INORGANIC CONTAMINANTS	S		THE PROPERTY OF THE PROPERTY O	The second secon
								Discharge of drilling
Barium	Z	2009	0.135	0.132- 0.135	шаа	7	2	wastes;discharge from metal refineries
								erosion of natural deposits
								Discharge from steel
Chromium	z	2009	0.8	0.7- 0.8000	qdd	100	100	and pulp mills; erosion
								of natural deposits
								Erosion of natural
								deposits; water additive
Fluoride	z	2009	0.106	0- 0.106	mdd	4	4	which promotes strong
								teeth; discharge from
								fertilizer and aluminum
								factories
								Corrosion of household
								plumbing systems;erosion
Copper	z	2007	.2648	0	mdd	1.3	AL=1.3	of natural deposits
								leaching from wood pre-
								servatives
								Corrosion of household
Lead	Z	2007	<u>+</u>	0	qdd	0	AL=15	plumbing systems; erosion
								of natural deposits
			DISINFEC	DISINFECTANTS AND DISINFECTION BYPRODUCTS	-ECTION BYPR	ODUCTS		
Chlorine	z	2009	0 19	0.12-0.19	maa	4	4	Water additive used to
				1	<u> </u>	-	r	control microbes

LAKE PIOMINGO WATER QUALITY TABLE

Contaminant	Violation	Date	Level	Range of Defects	Unit of	MCLG	MCL	Likely source of
	\ \		Defected	#of samples exceding	Weasurement			Contamination
			INORGAN	MCL/ACL				
			70101	NICKIIMIC INICO OIL	2			The state of the s
								Discharge of drilling
	:	(,	1				wastes;discharge
Barıum	z 	2009	0.138	0.129- 0.138	mdd	2	2	from metal refineries
								erosion of natural deposits
								Discharge from steel
Chromium	z	2009	6.0	0.6- 0.9000	qdd	100	100	and pulp mills; erosion
								of natural deposits
-								Erosion of natural
								deposits; water additive
Fluoride	z	2009	0.117	0- 0.117	mdd	4	4	which promotes strong
****								teeth; discharge from
								fertilizer and aluminum
								factories
								Corrosion of household
(,		· · · · · · · · · · · · · · · · · · ·					plumbing systems; erosion
Copper	z	2008	.2182	0	mdd	1.3	AL=1.3	of natural deposits
								leaching from wood pre-
								servatives
	;		-					Corrosion of household
Lead	Z	2008	2.7	0	qdd	0	AL=15	plumbing systems; erosion
								of natural deposits
			DISINFEC	DISINFECTANTS AND DISINFECTION BYPRODUCTS	ECTION BYPR	ODUCTS		
	2	0	(
Cnlorine	Z	6002	0.18	0.12- 0.18	mdd	4	4	Water additive used to control microbes

MACEDONIA WATER QUALITY TABLE

Contaminant	Violation	Date	Level	Range of Defects	Unit of	MCLG	MCL	Likely source of
	ΝX	Collected	Detected	#of samples	Measurement			Contamination
				exceding				
				MCL/ACL				
			INORGAN	INORGANIC CONTAMINANTS	<u>.</u>			
								Discharge of drilling
								wastes;discharge
Barium	Z	2009	0.135	0	mdd	7	2	from metal refineries
								erosion of natural
								deposits
								Discharge from steel
Chromium	z	2009	1.0	0	qdd	100	100	and pulp mills; erosion
								of natural deposits
								Corrosion of household
								plumbing systems;erosion
Copper	Z	2007	.2541	0	mdd	1.3	AL=1.3	of natural deposits
								leaching from wood pre-
								servatives
								Corrosion of household
Lead	z	2007	7.5	0	qdd	0	AL=15	plumbing systems; erosion
								of natural deposits
			DISINFEC	DISINFECTANTS AND DISINFECTION BYPRODUCTS	-ECTION BYPR	ODUCTS		
Chlorine	Z	2009	0	0.42	2	_	~	Motor additive used to
	<u>-</u>	200	<u>:</u>) - - -	<u> </u>	t	t	control microbes

RED HILL WATER QUALITY TABLE

Confaminant	Violation	Date	l evel	Range of Defects	Unit of	MCI G	ÖW	likely source of
	X	р	Detected	#of samples	Measurement)	!) :	Contamination
				excedina				
			_	MCL/ACL				
			INORGAN	INORGANIC CONTAMINANTS	<u>်</u>			
								Discharge of drilling
								wastes;discharge
Barium	z	2009	0.140	0	mdd	2	2	from metal refineries
						,		erosion of natural
					,			deposits
								Discharge from steel
Chromium	z	2009	1.1	0	qdd	100	100	and pulp mills; erosion
								of natural deposits
								Corrosion of household
								plumbing systems; erosion
Copper	z	2009	0.037	0	mdd	1.3	AL=1.3	of natural deposits
								leaching from wood pre-
								servatives
								Corrosion of household
Lead	z	2009	0.0005	0	qdd	0	AL=15	plumbing systems; erosion
								of natural deposits
			DISINFEC	DISINFECTANTS AND DISINFECTION BYPRODUCTS	FECTION BYPR	ODUCTS		
Chlorine	z	2009	0.18	0.09- 0.18	mdd	4	4	Water additive used to
								Control microhes

Tuesday, May 25, 2010 # Page 95 1.4-1.9 1.9 Fluoride Lead 0.132 0.127-0.138 0.102

-				Exceeding MCL/ACL	ment	Elita Const		
Barlum	I N	200	9 0.135	INORGANIC	CONTAMINA	NTS		- 1
	- 1	1.00		0.132-0,135	ppm	2	2	Discharge of drilling wastes;
Chromium	N A	200	0.8	9.7-6.6000	ppb	10		Discharge of drilling wastes; discharge from metal refiner grasion of natural deposits
					, ,	1."	0 100	Discharge from steel and pul mills; erosion of natural deposits
Fluorida	N	200	0.106	0-0.106	ppm	- 4		Deposits
1.0				1			4 .	Straton of natural deposits, water additive which promote strong teeth, discharge from fertilities and eluminum factor
Copper	N.	2007	2648	- 	Pem	1.3		fertilizer and simminum factor
					PPI		ALT	Correspon of household plumbing systems aroston of natural depos eaching from wood preservatives
Leag	1. 0	2007	1.1	0	pob	1 6	AL-1	Seaching from wood preservatives Secretary of possessed physics
Chlorine		100	DISIN	FECTANTS AND DI	SINFECTION	BVPRC		Corresion of nousehold plumbing systems; erosion of natural depo-
HIGHERE	. "	2009	0.19	0.2-0.19	ppm	1	4	Water additive used to contro
				MACEDO LIA WAT	ER QUALITY	YARIN	-1	1 micropes
onteminant	Violetic	n Date Collecte	Level d Detected	RADOS OF CAPACITY	s Unit of Measure	MGL		Likely Source of Contamination
		1		Ex ending Mi L/ACL	ment			
				INONBANIC C	ONTANINAN	70	4,	<u> </u>
larium .	N	2009	0.135	0	ppm	2	2	Discharge of drilling wastes:
hromium	N.	2009	1.0	4				Discharge of drilling wastes; discharge from metal refineries ension of natural deposits
				9	PRP	100	100	Discharge from steel and pulp miles, erosion of natural deposits
apper	T N	2007	2541	1 0	ppm	1.3		deposits
			1	1	PPIN	1 ""	AL=1	Corresion of household plumbing systems; erosion of patient decored
ued	N	2007	1,5	0	ppb	0	AL+15	leaching from wood preservatives
			DISINF	CTANTS AND DIS			NICTOR .	Corresion of household plumbling systems; excelon of natural depositional feeding from wood preservatives. Correction of household plumbling systems; excelon of natural deposit
Vorine	N	2009	0.19	0.11-0.19	ppm	1 4	4	I Water additive used to assist
				RED HILL WATER	OUR TRY F		1	microbes
onkaminant	Violation	Collected	Level	Range / Defects	Dolf of	MCLG	MCL	Likely Source of Contemination
		1		Range of Defects of Lamples Exceeding MC /ACL	Measure- ment		1 74	and defect of Contamination
		•		INORGANIC CO			1	
num	N	2009	0.140	1 6	pp/0	2		1
	0.00		100	1	1 700		2	Discharge of drilling wastes, discharge from metal refineries; prosion of natural geposits
romlum	N	2009	1.1	0	ppb	100	100	Discharge from steel and pulse
pper .	1 N	2009	0.037	3.5				Discharge from steel and pulp mills; erosion of natural deposits
			0.03/	0	PPM 7	1.3	AL=1.3	Corresion of household plumbing
id	N	2009	0.0005	0	pob	0	AL+15	Corresion of household plumbing systems; erosion of natural deposits (saching from wood preservatives
	-		DISINFE	TANTS AND DIST			er a to	Corresion of household plumbing systems; erosion of natural deposits
orine	H	2009	0.18	0,09-0,18	pom	PHOD	4	
		a deserva-	LAK	E PIONINGO WAT				Water additive used to control microbas
lammant	Violation Y/N	Date Collected	Level Detected	Range of Defects # of Samples	Unit of	MCLG	MCL	Likely Source of Contamination
		Concusa	Desected	# of Samples Excending MCL/ACL	Measure: Ment			GREY Source of Concamination
	-		1	MCL/ACL INORGANIC COM	CONTRACTOR OF THE PARTY OF THE			
um	14	2009	0.138	0,129-0,138	PPM	2 1	2	10-4
emium								Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
- Links	· N	2009	0.9	0.6-0.9000	ppb,	100	100	Discharge from steel and pulp milis; erosion of natural
ride	N.	2009	0.117	0-0.117				
77			777	0-0,417	ррт	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fartilizer and aluminum factories
Her .	N	2000						strong teath; discharge from
		2008	-2182	0	ppm	1.3	AL#1.3	Corresion of household plumbing
	N	2008	2.7	0			8,200	systems; erosion of natural deposits; leaching from wood preservatives
1					Opti	0	AL=15	Corresion of household plumbing systems, etcsion of natural deposits, eaching from wood preservatives corresion of household plumbing systems; erosion of natural deposits
dne	N . [2009	0.18	0.12-0.18	FECTION BY	PRODU	CIS	
irces of drink	ing water a	ing subject	to potents		"			Water additive used to control micro curring or man mode. These substituting bottled water, may reason-does not necessarily indicate that
a con be mily	mont sader	BRIC OF OUR		TO THE PARTY OF TH	shortshore th	at are n	aturally re	CUCCION OF WAR WAR WAR

De real to the property of infection by cryptosponoum and out-rholling (800-426-791). Which was a second of the second of the second out-which are the heart of our community, our way of life and our children's